REMARKS/ARGUMENTS

Applicants thank the Examiner for his careful review of this application. A Preliminary Amendment was filed on December 21, 2001, amending claim 1 and adding new claims 2 through 15. It appears that the Examiner did not have the opportunity to consider these added claims during the examination of the application. Applicants respectfully request reconsideration of pending claims 1 through 15. A copy of the Preliminary Amendment, and claim fees, as filed on January 3, 2002 and the certificate of mailing, are enclosed for the Examiner's reference.

Conclusion

If the Examiner has any questions, the Examiner is requested to contact the undersigned at (408) 774-6926. If any additional fees are due in connection with filing this Amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No. SUNMP56C2). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
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PRELIMINARY AMENDMENT; CLAIMS (Attachments A and B); Certificate of First Class Mail by affixing hereon the Patent Office date stamp and returning this to our office.

Client: SUN MICROSYSTEMS, INC.

TITLE: A SELECTABLE DEPACKETIZER ARCHITECTURE

Serial No.: 09/883,009 Filing Date: June 15, 2001

File No.: 83000.947C2 Atty/Secy: GAH/OII/cm

Date Mailed: December 21, 2001 Due Date:

OTHER:

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PTO/SB/21 (08-00)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/883,009
Filing Date	June 15, 2001
First Named Inventor	EMA PATKI
Group Art Unit	2661
Examiner Name	B. PHUNKULH
Total Number of Pages in This Submission: 12	Attorney Docket Number: 83000.947C2

ENCLOSURES *(check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [x] Preliminary Amendment / Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Response to Missing Parts/ Incomplete Application
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- [ ] Petition to Convert to a Provisional Application
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- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosure(s) *(please identify below)*:

Claims (Attachments A and B)
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	The Hecker Law Group By: Obi I. Iloputaife, Esq.
Signature	
Date	December 21, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 12-21-01

Typed or printed name	Christine Mills		
Signature		Date	December 21, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	
Ema Patki, et al.	Examiner: B. PHUNKULH
Serial No. 09/883,009	Group Art Unit: 2661
Filed: June 15, 2001	
For: A SELECTABLE DEPACKETIZER ARCHITECTURE	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

This is an amendment to a 37 CFR 1.53(b) continuation application filed on June 15, 2001.

IN THE CLAIMS

Please amend the claims as in the following attached pages:

Applicant hereby submits as ATTACHMENT A, claim page 99-103 as replacement to claim page 99 of the pending application as required under 37 CFR 1.121(c)(1)(i). Applicant further submits as ATTACHMENT B, marked-up copy of said claim pages as required under 37 CFR 1.121(c)(1)(ii).

REMARKS

Claim 1 is pending in the present patent application. Applicant has amended claim 1 and added new claims 2-15. Applicant therefore respectfully requests consideration and examination of pending claims 1-15.

Respectfully submitted,

THE HECKER LAW GROUP

Date: 12/21/01

By: _____
Obi I. Iloputaife
Reg. No. 45,677

THE HECKER LAW GROUP
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Signature: Christine Mills December 21, 2001
Date

CLAIMS

What is claimed is:

1. (AMENDED) A method for playing media data contained in an unknown type datastream comprising:

receiving a datastream having a plurality of packets of data of an unknown type;

parsing said datastream to determine said type of said plurality of packets of data in said datastream;

selecting a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

providing said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data; and

providing said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data.

2. (NEW) The method of claim 1, wherein said plurality of depacketizers is contained in a first depacketizer class.

3. (NEW) The method of claim 2, further comprising:

adding a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

4. (NEW) The method of claim 1, wherein said receiving a datastream is by a real time transport protocol session manager.

5. (NEW) The method of claim 2, wherein said first depacketizer class is pluggable by an external user.

6. (NEW) A system comprising:

a processor;

a memory;

code stored in said memory and executed by said processor configured to play media data contained in an unknown type datastream; said code comprising:

a method receiving a datastream having a plurality of packets of data of an unknown type;

a method parsing said datastream to determine said type of said plurality of packets of data in said datastream;

a method selecting a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

a method providing said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data;

a method providing said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data.

7. (NEW) The system of claim 6, wherein said plurality of depacketizers is contained in a first depacketizer class.

8. (NEW) The system of claim 7, wherein said code further comprises:

a method adding a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

9. (NEW) The system of claim 6, wherein said receiving a datastream is by a real time transport protocol session manager.

10. (NEW) The method of claim 7, wherein said first depacketizer class is pluggable by an external user.

11. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to play media data contained in an unknown type datastream; said computer program product comprising computer readable code configured to:

receive a datastream having a plurality of packets of data of an unknown type;

parse said datastream to determine said type of said plurality of packets of data in said datastream;

select a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

provide said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data;

provide said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data.

12. (NEW) The computer program product of claim 11, wherein said plurality of depacketizers is contained in a first depacketizer class.

13. (NEW) The computer program product of claim 11, further comprising computer readable code configured to:

add a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

14. (NEW) The computer program product of claim 11, wherein said receiving a datastream is by a real time transport protocol session manager.

15. (NEW) The computer program product of claim 12, wherein said first depacketizer class is pluggable by an external user.

CLAIMS

What is claimed is:

1. (AMENDED) A method for playing media data contained in an unknown type datastream comprising:

receiving a datastream having a plurality of packets of data of an unknown type;

parsing said datastream to determine said type of said plurality of packets of data in said datastream;

selecting a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

providing said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data; and

providing said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data. ~~A method for providing a selectable depacketizer for a datastream comprising the steps of:~~

~~receiving a datastream;~~

~~selecting a depacketizer based on type of data in said datastream;~~

~~providing packets of said datastream to said depacketizer;~~

~~assembling said packets into frames.~~

2. (NEW) The method of claim 1, wherein said plurality of depacketizers is contained in a first depacketizer class.

3. (NEW) The method of claim 2, further comprising:

adding a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

4. (NEW) The method of claim 1, wherein said receiving a datastream is by a real time transport protocol session manager.

5. (NEW) The method of claim 2, wherein said first depacketizer class is pluggable by an external user.

6. (NEW) A system comprising:

a processor;

a memory;

code stored in said memory and executed by said processor configured to play media data contained in an unknown type datastream; said code comprising:

a method receiving a datastream having a plurality of packets of data of an unknown type;

a method parsing said datastream to determine said type of said plurality of packets of data in said datastream;

a method selecting a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

a method providing said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data;

a method providing said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data.

7. (NEW) The system of claim 6, wherein said plurality of depacketizers is contained in a first depacketizer class.

8. (NEW) The system of claim 7, wherein said code further comprises:

a method adding a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

9. (NEW) The system of claim 6, wherein said receiving a datastream is by a real time transport protocol session manager.

10. (NEW) The method of claim 7, wherein said first depacketizer class is pluggable by an external user.

11. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to play media data contained in an unknown type datastream; said computer program product comprising computer readable code configured to:

receive a datastream having a plurality of packets of data of an unknown type;

parse said datastream to determine said type of said plurality of packets of data in said datastream;

select a depacketizer from among a plurality of depacketizers based on said determined type of said plurality of packets of data in said datastream, each of said plurality of depacketizers having a handler connected to it, said handler configured to manage frames of data;

provide said packets of data to said selected depacketizer, wherein said selected depacketizer assembles said packets of data into frames of data;

provide said frames of data to a handler connected to said selected depacketizer, wherein said handler connected to said selected depacketizer decodes said frames of data into media data, and said handler connected to said selected depacketizer playing said media data.

12. (NEW) The computer program product of claim 11, wherein said plurality of depacketizers is contained in a first depacketizer class.

13. (NEW) The computer program product of claim 11, further comprising computer readable code configured to:

add a second depacketizer class containing a second plurality of depacketizers, wherein said selecting a depacketizer comprises searching for an appropriate depacketizer for said type of data in said first depacketizer class and if not found continuing said searching in said second depacketizer class.

14. (NEW) The computer program product of claim 11, wherein said receiving a datastream is by a real time transport protocol session manager.

15. (NEW) The computer program product of claim 12, wherein said first depacketizer class is pluggable by an external user.

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